17338

CAUTION
CHANGES in BUOYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black vertically striped buoys, and lateral lights from white to red or green on approach from hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

Formerly C&GS 6393, 1st Ed., June 1988 C-1923-382

UNITED STATES

ALASKA - SOUTHEAST COAST

PERIL STRAIT

HOONAH SOUND TO CHATHAM STRAIT

Mercator Projection
Scale 1:40,000 at Lat. 57°32'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.248" southward and 6.412" eastward to agree with this chart.

Nautical Miles
Yards

VEGETATION
The land is generally heavily wooded up to an elevation of about 1500 feet. Above that the woods thin out and the higher elevations are bare.

LOCAL MAGNETIC DISTURBANCE
Differences of as much as 4° from the normal variation have been observed in Peril Strait from McClellan Rock to Pt. Thunder.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
Juneau WXJ-25 162.55 MHz

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

TIDAL INFORMATION

Place Name	Lat/Long	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
Pt. Thatcher	(57°25'N/135°13'W)	14.0	13.4	1.6	5.0
Lindenberg Head	(57°27'N/135°02'W)	14.5	13.5	1.6	5.0
Pt. Elizabeth	(57°21'N/135°11'W)	14.7	13.7	1.6	5.0
Warren Cove	(57°34'N/135°25'W)	15.0	14.0	1.5	5.0

(560)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated):
AERO aeronautical; Al alternating; B black; Bn beacon; C can; DIA diaphone; E Int equal interval (flash); F fixed; Fl flashing; G green; Gp group; IQ interrupted quick; Iso isophase (E Int); LT HO lighthouse; M nautical mile; m minutes; MICRO TR microwave tower; Mo (A) morse code; N nun; OBSC obscured; Oc occulting; Or orange; Q quick; R red; Ra Ref radar reflector; R Bn radiobeacon; VQ very quick; W white; Y yellow; R TR radio tower; Rot rotating; s seconds; SEC sector; St M statute miles; W white; WHIS whistle; Y yellow.
Bottom characteristics:
Blds boulders; Co coral; Cy clay; Gr gravel; Gy grey; h hard; M mud; Oys oyster; Rk rock; S sand; Sh shells; so soft; sy sticky; bk broken; m medium.
Miscellaneous:
AUTH authorized; ED existence doubtful; Obstn obstruction; PA position approximate; PD position doubtful; Rep reported; Subm submerged; (1) Wreck, rock, obstruction, or shoal swept clear to the depth indicated; (2) Rocks that cover and uncover, with heights in feet above datum of soundings.

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the U.S. Coast Guard and Defense Mapping Agency.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 8 for important supplemental information.

COLREGS, 80 1705 (see note A).
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.

LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

SOUNDINGS IN FATHOMS

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG32), National Ocean Service, NOAA, Rockville, Maryland 20852

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

12th Ed. Apr. 7/90 ■
17338

C55.4/8/7: 17338/990

best copy available

Formerly C&GS 8383, 1st Ed., June 1986 C-1923-362

SOUNDINGS IN FATHOMS

Nautical Chart Catalog No. 3, Panel Q

UNITED STATES

ALASKA - SOUTHEAST COAST

PERIL STRAIT

HOONAH SOUND TO CHATHAM STRAIT

Mercator Projection
Scale 1:40,000 at Lat. 57°20'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.248" southward and 6.412" westward to agree with this chart.

Nautical Miles

Yards

VEGETATION

The land is generally heavily wooded up to an elevation of about 1500 feet. Above that the woods thin out and the higher elevations are bare.

LOCAL MAGNETIC DISTURBANCE

Differences of as much as 4° from the normal variation have been observed in Peril Strait from McClellan Rock to Pt. Thatcher.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Juneau WXJ-25 162.55 MHz

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

TIDAL INFORMATION

Place Name	Place (Lat/Long)	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
Pt. Thatcher	(57°25'N/134°53'W)	14.2	13.4	1.6	-0.5
Lindenberg Head	(57°27'N/134°52'W)	14.5	13.5	1.6	-0.6
Pt. Elizabeth	(57°31'N/135°13'W)	14.7	13.7	1.6	-0.6
Nanneh Cove	(57°34'N/135°20'W)	15.0	14.0	1.5	-0.5

(5369)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)

Aids to Navigation (lights are white unless otherwise indicated)

AERO aeronautical	G green	Mor morse code	R TR radio tower
Al alternating	Gp group	M nun	Ra racon(a)
Bl black	IQ interrupted quick	OBSC obscured	s seconds
Bn beacon	Iso isophase (2 int)	Oc occulting	SEC sector
C can	LT HO lighthouse	Or orange	St M statute miles
DIA diaphone	M mustard mile	Q quick	VQ very quick
E int equal interval (sec)	m minutes	R red	W white
F fixed	MICRO, TR microwave tower	Ra Ref radar reflector	WHIS whistle
Fl flashing	Mkr marker	R Bn radiobeacon	Y yellow

Bottom characteristics

Bldr boulders	Co coral	gy gritty	Oys oysters	so soft	
br broken	G gravel	h hard	Rk rock	Sh shells	
Cy clay	Grs grass	M mud	S sand	sy sticky	

Miscellaneous

AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
Rocks that cover and uncover, with heights in feet above datum of soundings.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the U.S. Coast Guard and Defense Mapping Agency.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 8 for important supplemental information.

COLREGS: 80.1705 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.

CHICHAGOF ISLAND

BARANOF ISLAND

CATHERINE I.

Peschani Pt.
Pt. Elizabeth
Redman Rk
Prince I.
Pt. Benham
Anderson I
Grass I
Appleton Cove
Saook Pt.
Saook Bay
Pt. Moses
Hanus Bay
Lindenberg Head
McClellan Rk
Pt. Craven
Florence Bay
Pt. Howard
Morrell Reef
Peninsular Pt
Chatham Cannery
Basket Bay
Basket Creek
Little Basket Bay
Fairway I
Midway Reef
Traders Islands
Eva Islands
Thatcher Channel
Pt. Thatcher
Pt. Hanus
Hanus Pass
Hanus Rock
Fairway Rock
Chatham Strait
Peril Strait
Nautical Miles
Yards
LOGARITHMIC SPEED SCALE

To find speed in knots: place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

LIGHTS CHART 17317

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

FATHOMS / FEET / METERS

(Peril Strait)
SOUNDINGS IN FATHOMS - SCALE 1:40,000

17338

DMA STOCK NO. 17338N1338